



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Docket No. 12329US04

***In the Application of:***

ROGER BERNARDS, HECTOR  
GONZALEZ, AL KUCERA and  
MIKE SCHANHAAR

***U.S. Serial No.:*** 10 16 0826

***Filed:***

**For:** METHOD FOR ROUGHENING  
COPPER SURFACES FOR  
BONDING TO SUBSTRATES

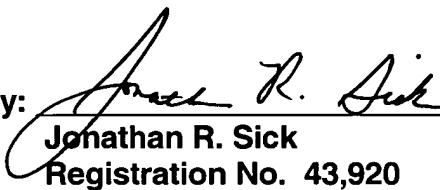
***Examiner:***

***Group Art Unit:***

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on November 4, 2003.

By:

  
Jonathan R. Sick  
Registration No. 43,920  
Attorney for Applicants

**PRELIMINARY AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria Virginia 22313-1450

Sir:

**Introductory Comments**

Applicants are submitting this Preliminary Amendment prior to receiving a first Office Action on the merits. Please make the following amendments to the claims. No fee is believed to be due because no new claims have been added.